

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Continuation Patent Application of:)
James Andrew Breach and Robert Brian Turner)
)
From PCT/GB00/02390 (filed 21 June 2000))
And British Application No. GB9914552.6 (Filed 23 June 1999))
)
For: Ion Mobility Spectrometer)
)
Mailed: December 19, 2001)

Box Patent Application
Fee
Commissioner For Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Dear Sir:

Before examination of this Application, please make the following amendments. Also enclosed, as Attachment A, is a copy of Claims 4, 5, 7, and 8 as amended hereinbelow.

In the Specification:

On Page 1, after the title, please insert the sentence: --This Application is a continuation of International Application No. PCT/GB00/02390, with an international filing date of 21 June 2000, now pending (which is hereby incorporated by reference).--

On Page 1, after the above added new sentence, please add the heading --

DESCRIPTION--.

On Page 1, after the above new sentence is added, please add the heading -- **Technical Field** --.

On Page 1, after line 9, please add the heading -- **Background of the Invention** --.

On Page 1, after line 19, please add the heading -- **Summary of the Invention** --.

On Page 3, after line 2, please add the heading -- **Brief Description of the Drawings** --

On Page 3, after line 18 please add the heading -- **Detailed Description of the Preferred Embodiments** --.

In the Claims:

At the top of Page 6, just prior to Claim 1, delete the term "Claims" and insert a new paragraph of one sentence -- The invention claimed is: --.

Please amend the following Claims 4, 5, 7, and 8:

4. (Amended) An ion mobility spectrometer in accordance with Claim 1 in which at least one further dopant source is used in addition to the combined dopant source and means for drying and cleaning of the circulating gases/vapours.
5. (Amended) An ion mobility spectrometer system in accordance with Claim 1 in which the dopant material is ammonium carbamate, and the molecular sieve material is 13X pore size material.
7. (Amended) An ion mobility spectrometer system in accordance with Claim 5 in which the combined dopant and molecular sieve material is produced by heating the dopant material and the molecular sieve material together in a sealed vessel.
8. (Amended) An ion mobility spectrometer in accordance with Claim 5 in which the combined dopant and molecular sieve material is produced by passing a dry inert gas stream containing the dopant material at a fixed level over the molecular sieve material, whereby the molecular sieve material absorbs the dopant material.

Please add the following new Claims 14 and 15:

- 14. An ion mobility spectrometer system in accordance with Claim 6 in which the combined dopant and molecular sieve material is produced by heating the dopant material and the molecular sieve material together in a sealed vessel.
15. An ion mobility spectrometer in accordance with Claim 6 in which the combined dopant and molecular sieve material is produced by passing a dry inert gas stream containing the dopant material at a fixed level over the molecular sieve material, whereby the molecular sieve material absorbs the dopant material.--

REMARKS

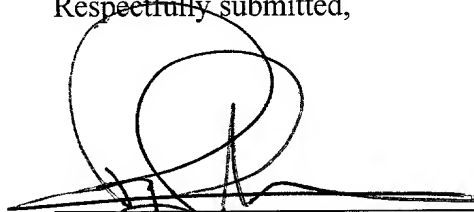
Applicant respectfully requests that this Amendment be entered and examined. The Headings have been added to conform the Application to United States format.

The Claims have also been amended to conform to United States practice; no new matter has been introduced by these Amendments. In particular, no Claims have been deleted, Claims 4, 5, 7, and 8 have been amended to remove multiple dependency, and Claims 14 and 15 have been added. Consequently, Claims 1 - 15 are to be examined.

The Commissioner is authorized to charge any fees associated with this Amendment to Deposit Account No. 23-0280.

Respectfully submitted,

Dated: 18 Dec. 2001



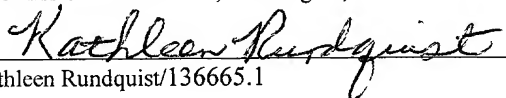
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CERTIFICATION UNDER 37 C.F.R. § 1.10

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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to: BOX Patent Application, Fee, Commissioner for Patents, Washington, D.C. 20231.


Kathleen Rundquist/136665.1

106665.1 "3827 P 009"

ATTACHMENT A

4. (Amended) An ion mobility spectrometer in accordance with [any one of the preceding claims] Claim 1 in which at least one further dopant source is used in addition to the combined dopant source and means for drying and cleaning of the circulating gases/vapours.
5. (Amended) An ion mobility spectrometer system in accordance with [any one of the preceding claims] Claim 1 in which the dopant material is ammonium carbamate, and the molecular sieve material is 13X pore size material.
7. (Amended) An ion mobility spectrometer system in accordance with Claim 5 [or Claim 6] in which the combined dopant and molecular sieve material is produced by heating the dopant material and the molecular sieve material together in a sealed vessel.
8. (Amended) An ion mobility spectrometer in accordance with Claim 5 [or Claim 6] in which the combined dopant and molecular sieve material is produced by passing a dry inert gas stream containing the dopant material at a fixed level over the molecular sieve material, whereby the molecular sieve material absorbs the dopant material.